National Aeronautics and
Space Administration

Headquarters
Washington, DC 20546-0001

Office of the Chief Information Officer

TO: NASA Center Chief Information Officers

FROM: Deputy Chief Information Officer for Information Technology Security

SUBJECT: Designation of FIPS-199 Impact Level for NASA OAIT Desktop Systems

Per OMB-11 requirements, Information Technology investments that support common user systems, communications, and computing, are grouped into the Office Automation, IT Infrastructure and Telecommunications (OAIT) designation. This investment grouping includes nine portfolio elements, with one as "Desktop Hardware and Software." Desktop systems fall under this portfolio element and are defined as:

> *"All Information Technology (IT) investments required to provide desktop computing services to users to include all OAIT, desktop computing hardware and software (Open Operating Systems, applications and utilities) components and services (including design, build, operations, multipurpose help desks, support, and maintenance services). Includes peripherals/printers (networked and personal). Does not include e-mail and calendaring client and servers. Does not include desktops whose primary use is Multi-Program/Project IT. Includes but is not limited to: Desktop computers, laptop computers, operating systems, software (e.g., word processing, spreadsheet, presentation, project management, browser, etc.), desktop portion of Outsourcing Desktops Initiative for NASA (ODIN), as well as both network printers and personal printers."*

In consultation with the Deputy Chief Information Officer for Information Technology Security, and the Authorizing Official for OAIT systems, it has been declared that all OAIT desktop systems will be assigned a Security Categorization of Moderate. Based on this declaration, only the information types included in Appendix A can be handled, processed and/or stored by OAIT desktop systems.

If you have any questions regarding this memorandum, please direct them to me at scott.santiago@nasa.gov or 202-358-1377.

S. Scott Santiago

Appendix A – OAIT Desktop Systems Information Types

The following information types per NIST SP800-60, "Guide for Mapping Types of Information and Information Systems to Security Categories," where deemed to be handled, processed and/or stored on OAIT Desktop systems.

NIST SP800-60 Information Types	Confidentiality	Integrity	Availability
C.2 Services Delivery Support Information (pg. 22)			
C.2.1 Controls and Oversight (pg. 22)			
C.2.1.1 Corrective Action Information (pg. 22)	Low	Low	Low
C.2.1.2 Program Evaluation Information (pg. 23)	Low	Low	Low
C.2.1.3 Program Monitoring Information (pg. 25)	Low	Low	Low
C.2.3 Planning and Resource Allocation (pg. 31)			
C.2.3.1 Budget Formulation Information (pg. 31)	Low	Low	Low
C.2.3.2 Capital Planning Information (pg. 33)	Low	Low	Low
C.2.3.3 Enterprise Architecture Information (pg. 34)	Low	Low	Low
C.2.3.4 Strategic Planning Information (pg. 35)	Low	Low	Low
C.2.3.5 Budget Execution Information (pg. 37)	Low	Low	Low
C.2.3.6 Workforce Planning Information (pg. 38)	Low	Low	Low
C.2.3.7 Management Improvement Information (pg. 39)	Low	Low	Low
C.2.4 Internal Risk Management and Mitigation (pg. 40)			
C.2.4.1 Contingency Planning Information (pg. 40)	Moderate	Moderate	Moderate
C.2.4.2 Continuity of Operations Information (pg. 42)	Moderate	Moderate	Moderate
C.2.4.3 Service Recovery Information (pg. 43)	Low	Low	Low
C.2.6 Public Affairs (pg. 49)			
C.2.6.1 Customer Services Information (pg. 49)	Low	Low	Low
C.2.6.2 Official Information Dissemination Information (pg. 50)	Low	Low	Low
C.2.6.3 Product Outreach Information (pg. 51)	Low	Low	Low
C.2.6.4 Public Relations Information (pg. 53)	Low	Low	Low
C.2.7 Legislative Relations (pg. 54)			
C.2.7.1 Legislation Tracking Information (pg. 54)	Low	Low	Low
C.2.7.2 Legislation Testimony Information (pg. 55)	Low	Low	Low
C.2.7.3 Proposal Development Information (pg. 56)	Moderate	Low	Low
C.2.7.4 Congressional Liaison Information (pg. 57)	Moderate	Low	Low
C.3 Rationale and Factors for Government Resource Management Information (pg. 75)			
C.3.1 Administrative Management (pg. 75)			
C.3.1.1 Facilities, Fleet, and Equipment Management Information (pg. 75)	Low	Low	Low
C.3.1.2 Help Desk Services Information (pg. 78)	Low	Low	Low
C.3.1.3 Security Management Information (pg. 79)	Moderate	Moderate	Low
C.3.1.4 Travel Information (pg. 81)	Low	Low	Low

	C.3.1.5 Workplace Policy Development and Management Information (Intra-Agency Only) (pg. 82)	Low	Low	Low
C.3.2 Financial Management (pg. 83)				
	C.3.2.1 Assets and Liability Management Information (pg. 84)	Low	Low	Low
	C.3.2.2 Reporting and Information Information (pg. 85)	Low	Moderate	Low
	C.3.2.3 Budget and Finance Information (pg. 86)	Moderate	Moderate	Low
	C.3.2.4 Accounting Information (pg. 88)	Low	Moderate	Low
	C.3.2.5 Payments Information (pg. 89)	Low	Moderate	Low
	C.3.2.6 Collections and Receivables Information (pg. 90)	Low	Moderate	Low
C.3.3 Human Resources (pg. 91)				
	C.3.3.1 Benefits Management Information (pg. 92)	Low	Low	Low
	C.3.3.2 Personnel Management Information (pg. 93)	Low	Low	Low
	C.3.3.3 Payroll Management and Expense Reimbursement Information (pg. 94)	Low	Low	Low
	C.3.3.4 Resource Training and Development Information (pg. 96)	Low	Low	Low
	C.3.3.5 Security Clearance Management Information (pg. 97)	Low	Moderate	Low
	C.3.3.6 Staff Recruitment and Employment Information (pg. 98)	Low	Low	Low
C.3.4 Supply Chain Management (pg. 99)				
	C.3.4.1 Goods Acquisition Information (pg. 99)	Low	Low	Low
	C.3.4.2 Inventory Control Information (pg. 101)	Low	Low	Low
	C.3.4.3 Logistics Management Information (pg. 103)	Low	Low	Low
	C.3.4.4 Services Acquisition Information (pg. 104)	Low	Low	Low
C.3.5 Information and Technology Management (pg. 106)				
	C.3.5.1 System Development Information (pg. 106)	Low	Moderate	Low
	C.3.5.2 Lifecycle/Change Management Information (pg. 107)	Low	Moderate	Low
	C.3.5.3 System Maintenance Information (pg. 108)	Low	Moderate	Low
	C.3.5.5 IT Security Information (pg. 111)	Low	Moderate	Low
	C.3.5.6 Record Retention Information (pg. 112)	Low	Low	Low
D.9 Economic Development (pg. 156)				
	D.9.1 Business and Industry Development Information (pg. 156)	Low	Low	Low
	D.9.2 Intellectual Property Protection Information (pg. 157)	Low	Low	Low
D.11 Transportation (pg. 166)				
	D.11.3 Air Transportation Information (pg. 169)	Low	Low	Low
D.12 Education (pg. 173)				
	D.12.1 Elementary, Secondary, and Vocational Education Information (pg. 173)	Low	Low	Low
	D.12.2 Higher Education Information (pg. 174)	Low	Low	Low

		D.12.3 Cultural and Historic Preservation Information (pg. 175)	Low	Low	Low
		D.12.4 Cultural and Historic Exchibition Information (pg. 176)	Low	Low	Low
D.13 Workforce Management (pg. 177)					
		D.13.1 Training and Employment Information (pg. 177)	Low	Low	Low
		D.13.2 Labor Rights Management Information (pg. 178)	Low	Low	Low
		D.13.3 Worker Safety Information (pg. 179)	Low	Low	Low
D.19 General Sciences and Innovation (pg. 214)					
		D.19.1 Scientific and Technical Research and Innovation Information (pg. 214)	Low	Moderate	Low
		D.19.2 Space Exploration and Innovation Information (pg. 216)	Low	Moderate	Low
D.20 Knowledge Creation and Management (pg. 217)					
		D.20.1 Research and Development Information (pg. 217)	Low	Moderate	Low
		D.20.2 General Purpose Data and Statistics Information (pg. 218)	Low	Low	Low
		D.20.3 Advising and Consulting Information (pg. 220)	Low	Low	Low
		D.20.4 Knowledge Dissemination Information (pg. 221)	Low	Low	Low
D.23 Federal Financial Assistance (pg. 231)					
		D.23.1 Federal Grants (Non-State) Information (pg. 231)	Low	Low	Low

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